

Datasheet for ABIN7558035
PAPOLG Protein (AA 1-739) (His tag)



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Overview

Quantity:	1 mg
Target:	PAPOLG
Protein Characteristics:	AA 1-739
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAPOLG protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Papolg Protein expressed in mammalien cells.
Sequence:	MKEMSANTML DSQRQQKHYG ITSPISLACP KEIDHIYTQK LIDAMKPGV FEDEEELNHR LVVLGKLNNL VKEWISDISE SKNLPPSVVA TVGGKIFTFG SYRLGVHTKG ADIDALCVAP RHVERSDFFQ SFFEKLKHQD GIRNLRAVED AFVPIKFEF DGIEIDLVFA RLAIQTISDN LDLRDDSRLR SLDIRCIRSL NGCRVTDEIL HLVPNKETFR LTLRAVKLWA KRRGIYSNML GFLGGVSWAM LVARTCQLYP NAAASTLVHK FFLVFSKWEW PNPVLLKQPE ESNLNLPVWD PRVNPSTRYH LMPIITPAYP QQNSTYNVST STRTVMVEEF KQGLAVTDEI LQKSDWSKL LEPPNFFQKY RHYIVLTASA STEENHLEWV GLVESKIRVL VGNLERNEFI TLAHVNPQSF PGNKEHHKAN NYVSMWFLGI IFRRVENAES VNIDLTYDIQ SFTDTVYRQA NNINMLKDGM KIEATHVKKK QLHHYLP AEI LQK K K K S L S D V S R S S G G L Q S K R S S L D S T C L D S S R D T D S G T P F N S P V S A N K P S N P D S P T G E I E R S S A E P V A V V E K L P S V P P A Q G L S I P V I G A K V D P T A K A V S S P A V C T I P T V V G R N V I P R I T T P H N P V Q G Q P H L N G I S N I T K N V T P K R S H S P P T D G T S K R

Product Details

LKDIEKFIRL ESAFKESRAA EDRKRKPMDS IGGESMPIPT IDTARKKRLP SKELPDSSSP

VPANNIRVIK NSIRLTLNR **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PAPOLG

Alternative Name:

Papolg ([PAPOLG Products](#))

Background:

Poly(A) polymerase gamma (PAP-gamma) (EC 2.7.7.19) (Polynucleotide adenylyltransferase gamma) (SRP RNA 3'-adenylating enzyme) (Signal recognition particle RNA-adenylating enzyme) (SRP RNA-adenylating enzyme),FUNCTION: Responsible for the post-transcriptional adenylation of the 3'-terminal of mRNA precursors and several small RNAs including signal recognition particle (SRP) RNA, nuclear 7SK RNA, U2 small nuclear RNA, and ribosomal 5S RNA. {ECO:0000250}.

Molecular Weight:

83.0 kDa

UniProt:

[Q6PCL9](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
